



BOX: AF  
RESPONSE UNDER 37 C.F.R. § 1.116  
--EXPEDITED PROCEDURE--  
EXAMINING GROUP 2151

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: M.A.B. Halstead Attorney Docket No: MSFT117205  
Application No: 09/090,119 Group Art Unit: 2151  
Filed: June 4, 1998 Examiner: G. Fourson  
Title: PERSISTENT REPRESENTATIONS FOR COMPLEX DATA  
STRUCTURES AS INTERPRETED PROGRAMS

AMENDMENT B AND RESPONSE

Seattle, Washington 98101  
November 9, 2001

RECEIVED  
JAN 07 2002  
Group 2100

TO THE COMMISSIONER FOR PATENTS:

Applicant respectfully requests that the following amendments be made to the above-identified application:

In the Claims:

Please amend Claims 1, 8, 10, 15, and 19 as follows:

1. (Twice Amended) A computer-implemented method for recreating a complex data object having a structure, the method comprising:

obtaining a persistent representation of the structure of the complex data object as a sequence of directly executable instructions, wherein the directly executable instructions are calls to a set of predefined functions;

interpreting the directly executable instructions as calls to a set of predefined functions;  
and

calling a predefined function corresponding to each directly executable instruction in the sequence of directly executable instructions so as to construct the complex data object directly from the persistent representation, without parsing and translating an explicit definition of the complex data object's structure.

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AF/2700

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**BOX AF**

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**RESPONSE UNDER 37 C.F.R. § 1.116**  
**EXPEDITED PROCEDURE**  
**EXAMINING GROUP 2100**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: M.A.B. Halstead Attorney Docket No. MSFT117205  
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**TRANSMITTAL LETTER FOR RESPONSE**  
**AFTER FINAL REJECTION UNDER 37 C.F.R. § 1.116**

Seattle, Washington 98101

November 9, 2001

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**Group 2100**

TO THE COMMISSIONER FOR PATENTS:

A. Amendment Transmittal

Transmitted herewith is an amendment in the above-identified application.

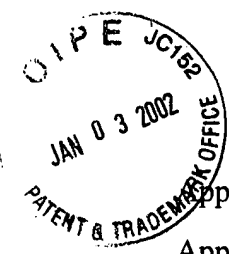
- X   1. No additional claim fee is required, as shown below.  
       2. The claim fee has been calculated as shown below.

COMPUTATION OF FEE FOR CLAIMS AS AMENDED

	Claims Remaining After Amendment		Highest Number Previously Paid For		Present Extra		Rate		Additional Fee
Total Claims	39	Minus	39	=	0	x	18.00	=	0.00
Independent Claims	5	Minus	5	=	0	x	84.00	=	0.00

Total Additional Fee                      \$0.00  
for this Amendment

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B. Additional Fee Charges or Credit for Overpayment

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application. A copy of this sheet is enclosed.

Respectfully submitted,

CHRISTENSEN O'CONNOR  
JOHNSON KINDNESS<sup>PLLC</sup>

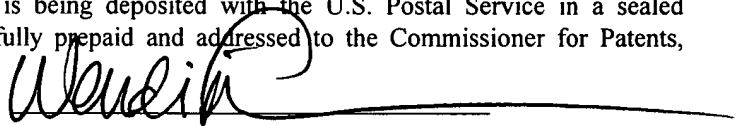


Barbara M. Level  
Registration No. 45,483  
Direct Dial No. 206.695.1776

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to the Commissioner for Patents, Washington, D.C. 20231, on the below date.

Date: November 9, 2001

BML/ws



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